

## I CLAIM:

- Sub A.17
1. An interface adapter, comprising:  
a housing that defines an interior region of the adapter and an exterior region, the housing having an entrance face;  
5 a plurality of electrical conductors extending into the interior region of the adapter through the entrance face of the housing;  
a plug connector coupled to a first subset of the electrical conductors, the plug connector located in the exterior region; and  
a receptacle connector coupled to a second subset of the electrical  
10 conductors, the receptacle connector being accessible from the exterior region to receive a compatible plug connector.
- Sub B2
2. The adapter of claim 1, further comprising a data terminal connected to a third subset of the electrical conductors.
3. The adapter of claim 1, wherein the housing includes a plug face, and the  
15 first subset of electrical conductors extends through the plug face between the interior region of the adapter and the plug connector.
4. The adapter of claim 1, wherein the housing includes a receptacle face, the  
receptacle connector is disposed on the receptacle face, and the second subset of electrical  
conductors extends through the interior region of the adapter to the receptacle connector.
- 20 5. The adapter of claim 4, wherein the housing includes a plug face, and the first subset of electrical conductors extends through the plug face between the interior region of the adapter and the plug connector.
6. The adapter of claim 5, further comprising a data terminal connected to a third subset of the electrical conductors.

7. The adapter of claim 6, wherein the housing includes a terminal face, and the data terminal is disposed on the terminal face such that the data terminal is accessible from the exterior region.

8. The adapter of claim 7, wherein the entrance face is opposite the terminal face, the plug face is opposite the receptacle face, and the entrance face extends between the plug face and the receptacle face.

9. A method for installing an asymmetrical digital subscriber line (ADSL) interface, comprising:

providing an interface adapter, comprising:

a housing that defines an interior region of the adapter and an exterior region, the housing having an entrance face;

a plurality of electrical conductors extending into the interior region of the adapter through the entrance face of the housing;

a first plug connector coupled to a first subset of the electrical conductors, the first plug connector located in the exterior region; and

a first receptacle connector coupled to a second subset of the electrical conductors, the first receptacle connector being accessible from the exterior region;

inserting the first plug connector into a compatible receptacle connector;

and

inserting a compatible plug connector into the first receptacle connector.

10. The method of claim 9, wherein providing the interface adapter includes providing an interface adapter comprising a data terminal connected to a third subset of the electrical conductors.

11. The method of claim 9, further comprising:  
electrically coupling the plurality of electrical conductors to an ADSL filter.

12. The method of claim 11, wherein providing the interface adapter includes providing an interface adapter comprising a data terminal connected to a third subset of the electrical conductors, the method further comprising:

electrically coupling a subscriber data line to the data terminal.

13 An interface adapter, comprising:

an asymmetrical digital subscriber line (ADSL) filter

a plug connector coupled to the ADSL filter by a first set of electrical conductors; and

10 a receptacle connector coupled to the ADSL filter by a second set of electrical conductors.

14. The interface adapter of claim 13, further comprising:  
a data terminal coupled to the ADSL filter by a third set of electrical  
conductors.

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A4

Ad 35

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